

**OPINION 2185 (Case 3340)*****Helicac* d'Orbigny, 1842 (Mollusca, Gastropoda): conserved**

**Abstract.** The Commission has ruled that the name of the nominal genus *Helicac* d'Orbigny, 1842 is conserved by the suppression of the name of its subjective synonym *Torinia* Gray, 1842. The relative precedence of the two names is unresolved for a group of gastropod molluscs.

**Keywords.** Nomenclature; taxonomy; Gastropoda; ARCHITECTONICIDAE; *Helicac*; *Torinia*; *Helicac cylindricus*; sundial shell; Western Atlantic.

---

**Ruling**

- (1) Under the plenary power it is hereby ruled that the generic name *Torinia* Gray, 1842 is suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.
- (2) The name *Helicac* d'Orbigny, 1842 (gender: masculine), type species by monotypy *Solarium herberti* Deshayes, 1830 (an incorrect subsequent spelling of *herberti*), a junior subjective synonym of *Trochus cylindricus* Gmelin, 1791, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *cylindricus* Gmelin, 1791, as published in the binomen *Trochus cylindricus*, senior synonym of *Solarium herberti* Deshayes, 1830, specific name of the type species of *Helicac* d'Orbigny, 1842, is hereby placed on the Official List of Specific Names in Zoology.
- (4) The name *Torinia* Gray, 1842, as suppressed in (1) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

**History of Case 3340**

An application to conserve the generic name *Helicac* d'Orbigny, 1842 was received from R. Bieler (*Department of Zoology, Field Museum of Natural History, 1400 S. Lake Shore Drive, Chicago, Illinois 60605, U.S.A.*) and R.E. Petit (*806 St. Charles Road, North Myrtle Beach, South Carolina, U.S.A.*) on 14 January 2005. After correspondence the case was published in BZN 63: 163–166 (September 2006). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

**Decision of the Commission**

On 1 June 2007 the members of the Commission were invited to vote on the proposals submitted in BZN 63: 165. At the close of the voting period on 1 September 2007 the votes were as follows:

Affirmative votes – 18: Alonso-Zarazaga, Bouchet, Fautin, Grygier, Halliday, Kottelat, Krell, Kullander, Lamas, Mawatari, Ng, Papp, Patterson, Pyle, Rosenberg, Štys, van Tol and Zhang.

Negative votes – 5: Bogutskaya, Brothers, Kerzhner, Lim and Pape.

No vote was received from Song. Minelli was on leave of absence.

Voting for the proposal, several Commissioners suggested that greater efforts could have been made in establishing the exact dates of publication of the key works. Voting for the proposal, Ng added the caveat that *Torinia* should not be placed on the Official Index as both generic names should be available for future taxonomic studies.

### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the rulings given in the present Opinion:

- cylindricus*, *Trochus*, Gmelin, 1791, *Caroli a Liné Systema Naturae*, Ed. 13 vol. 1, pt. 6 (Vermes), p. 3572. Lipsiae.
- Heliacus* d'Orbigny, 1842, *Mollusques*. In Sagra, R., *Histoire physique, politique, et naturelle de l'île de Cuba*, vol. 2, parts 1–7. p. 68 Bertrand, Paris.
- Torinia* Gray, 1842, Mollusca, p. 60 in: *Synopsis of the contents of the British Museum*, Ed. 44. Woodfall and Son, London.